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which had become black, occasioned by the actual deposit of pigmentum nigrum in the rete mucosum.

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June 17th.

Dr. Leidy read a continuation of his paper entitled "Contributions to Helminthology;" which was referred to Drs. Bridges, Ruschenberger and Fisher.

Dr. Leidy stated that he had examined microscopically, the specimen of *nigrities* which had been exhibited by Prof. Horner at the last meeting; and that it proved to be a true deposit of pigmentum nigrum in the rete mucosum.

A letter was read from the Rec. Sec. of the Penna. State Med. Soc., dated Philadelphia, June 10th, 1851, transmitting a resolution of thanks from that Society for an invitation to visit the Museum of the Academy.

Dr. Leidy stated he had repeated the experiment of introducing cancerous matter beneath the integument of a frog, which was first announced to the Academy, May 6th.

The cancerous matter was a fragment of encephaloid, taken from a female after death, by Dr. Henry H. Smith. It was almost as soft as cerebral substance. Beneath the microscope it exhibited a structure of very delicate organic cells, containing numerous granules and one or two nuclei.

A portion  $\frac{3}{4}$ ths of an inch long, by  $\frac{1}{4}$ th of an inch broad, was inserted under the skin of the back of a frog, on May 13th, 54 hours after its removal from the body of the female. This frog, still living, Dr. L. exhibited to the members, and by an incision through the integument, presented to view the fragment of cancer which had been introduced, and which had not only formed a vascular attachment to the integument, but for one-half itself was of a fine red color from the net-work of capillaries which had become developed within it. The fragment had not increased in size. A number of its structural cells remained unchanged, but others had broken down into granular masses.

Dr. L. observed, the experiment not only proved the independent vitality of tissues, which was generally admitted, but also rendered it exceedingly probable that cancer was inoculable, for, as in the experiments, the cancerous fragments continued to live when introduced into cold-blooded animals, they would probably not only continue to live when introduced into warm-blooded animals, but would grow or increase in size.

Dr. Zantlinger announced to the Society the decease of William Hembel, Esq., which occurred on the 12th inst., at his residence in this city, at the advanced age of 88 years. His long connection with the Institution, his liberality to it on many occasions, his position as its President for nine years, and his scientific and literary acquirements, eminently entitled him to honorable mention on the present occasion.

The following Preamble and Resolutions were then offered on the part of Mr. George Ord, and unanimously adopted.

The Academy, deeply sensible of the death of their venerable member, are impelled by a sense of duty, to give formal expression of their sorrow at the loss of one, who, during the period of twenty-six years, was zealously active in his exertions to advance those branches of knowledge for the cultivation of which this Institution was created. It is, therefore,

*Resolved*, That the Academy, in mourning the departure of a friend whose long life was signalized by his devotion to scientific pursuits, derive consolation from the reflection that their steadfast benefactor was as conspicuous for his efficient benevolence, as for his integrity and social virtues.

*Resolved*, That a copy of the foregoing be transmitted to the family of the deceased.

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*June 24th.*

The Committee to which was referred the communication of Col. McCall on Birds of Mexico, reported in favor of publication in the Proceedings.

*Some Remarks on the Habits, &c., of Birds met with in Western Texas, between San Antonio and the Rio Grande, and in New Mexico; with descriptions of several species believed to have been hitherto undescribed.*

By COL. GEO. A. MCCALL, Inspector-General U. S. Army.

FALCO, Linn.

1. F. PERIGRINUS, Linn. Perigrine Falcon.

In passing and re-passing through this extensive range of country, during a period of twelve months, I met with this Falcon but once—at Sante Fé, in the month of June. Here, two were seen; one of which was killed. This proved to be a female, of immature age and plumage, answering to the following description:

Length, 17 3-10ths inches; alar stretch, 38 5-10ths inches; front, eyebrows, lores, chin, throat, and a crescent around the occiput, extending to the eyes, light brownish white; head, back, scapulars, greater and lesser wing coverts and tail coverts dark dusky, each feather margined with light brown, giving a mottled appearance; primaries, secondaries, tertials, dark dusky, broadly and closely barred with pale brown; tail dusky brown, tipped with paler brown, and all, except the two middle feathers, thickly barred on the inner vanes with pale brown; all the lower parts brownish white, striped with dark brown under wing coverts dark dusky, each feather with two to four spots of dull white, and edged with the same; cere greenish yellow; feet lighter; iris hazle; middle toe and nail 2 7-10ths in.

## ERRATA IN VOL. V.

- Page 14, line 16 from bottom, for *Zeuker* read *Zenker*.  
 " 22, " 10 " top, for *February* read *August*.  
 " 55, " 23, " bottom, for *Plumus* read *Plumos*.  
 " 117, " 16 " " for *Vol. 5* read *Vol. 4*.  
 " 154, " 12 " top, for *necessarily* read *unnecessarily*.  
 " 157, " 4 " bottom, for *Heidinger* read *Haidinger*.  
 " 169, " 10 " top, for *Dikaj* read *Dijak*.  
 " 209, " 7 " " for *isoseoles* read *isoscel-s*.  
 " 209, " 10 " " for *joints* read *points*.  
 " 210, " 5 " bottom, for *papulus* read *Passalus*.  
 " 210, " 4 " " for *gulus* read *Julus*.  
 " 212, " 21 " " for 8 read 13, and for 34 read 54.  
 " 224, " 10 and 11 from bottom, for *Aspidagaster* read *Aspidogaster*.  
 " 227, " 2 from bottom, insert John H. Brinton.  
 " 256, " 5 " " for *Sowerly* read *Sowerby*.  
 " 259, " 13 " " for *Statisque* read *Statistique*.  
 " 275, " 10 " top, for *Longstreth* read *Langstroth*.  
 " 276, " 19 " " for *robustum* read *priscum*.  
 " 276, " 23 " " for *i. ½* read *i. ¾*.  
 " 276, " 2 " bottom, before "by" insert "read."  
 " 295, " 8 " top, for *were* read *are*.  
 " 296, " 5 " " for *Silliquaria* read *Sigillaria*.  
 " 297, " 13 " " for *Ireland* read *Iceland*.  
 " 297, bottom line, for *Arctos* read *maritimus*.  
 " 301, line 21 from bottom, for *cinqe* read *cinque*.  
 " 345, top line, for *puncticollis* read *poricollis*.  
 " 357, line 21 from top, for *Coaco* read *Cocoa*.  
 " 357, " 11 " bottom, for *Borneo* read *Africa*.  
 " 357, bottom line, for *Fiuns* read *Finns*.